

- (d) sensing the full wave current flowing through said lamp without the use of a sense capacitor connected to a terminal of said lamp.

Rejections Under 35 U.S.C. § 102 (b)

The examiner has rejected claim 6 under 35 U.S.C. § 102 (b) as being anticipated by Qian et al. (U.S. Patent No. 5,914,572, which is Prior Art of record). Applicants respectfully traverse this rejection.

In the present application, Claim 6 includes the explicit limitation of (i) sensing the full wave current flowing through the lamp and (ii) without the use of a sense capacitor connected to a terminal of said lamp. Unlike Qian et al., in the present claims of the application, Applicant limits the claim to sense "the full wave current flowing through the lamp without the use of a sense capacitor connected to a terminal of the lamp." This is not fairly taught by Qian et al.

In contrast, Qian et al. teaches a sense capacitor which is connected to a terminal of the lamp. Qian et al. uses a diode (Da) which limits the wave current into a half wave current contrary to the claim in the present invention which is a full wave current. Qian et al. further uses a sense capacitor C2 connected in the lamp current supply circuit.

As stated above, in the present application, the claim is limited to sensing the full wave current flowing through the lamp without the use of a sense capacitor connected to a terminal of the lamp.

The full wave forms disclosed in Figures 3A and 3D of Qian et al. do not represent the full wave as discussed in the present invention. In contrast, the full wave forms disclosed in Qian et al. are the full waves of the current through the lamp. Therefore, Qian et al. does not anticipate any of the claims in the present application. Accordingly, applicants request that the objections to the claim under 35 U.S.C. § 102 (b), be withdrawn.

CONCLUSION

For the reasons set forth above, applicant respectfully submits that the claim remaining in the application is now in condition for allowance. Accordingly, reconsideration, reexamination and allowance of the claim are requested.

Dated: _____

2/14/06

Respectfully submitted,

By _____

Chun M. Ng

Registration No.: 36,878

PERKINS COIE LLP

P.O. Box 1247

Seattle, Washington 98111-1247

(206) 359-8000

(206) 359-7198 (Fax)

Attorneys for Applicant